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B/2671

DOCKET NO.: COOK-0006

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Jonathan B. Cook

Confirmation No.: 8275

Application No.: 09/882,551

Group Art Unit: 2671

Filing Date: June 15, 2001

Examiner: Jankus, Almis R.

For: SYSTEM AND METHOD FOR DESIGNING, SYNTHESIZING AND ANALYZING COMPUTER GENERATED MECHANISMS

DATE OF DEPOSIT: 5/11/05

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

TYPED NAME: Steven J. Rocci  
REGISTRATION NO.: 50,489

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of **\$180.00** as set forth in § 1.17(p) is attached.

- ☒ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of **\$180.00** as set forth in § 1.17(p).

- ☒ Copies of reference numbers **12 thru 16** listed on the attached Form PTO-1449 are enclosed herewith.

- ☐ Copies of reference numbers - on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

**DOCKET NO.: COOK-0006**

**- 3 -**

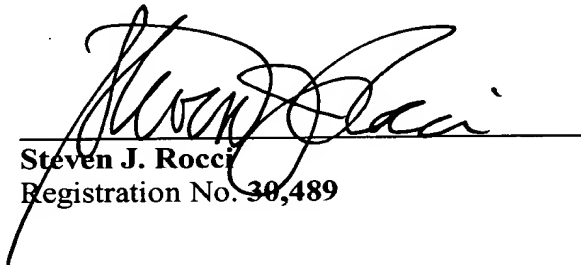
**PATENT**

Enclosed is a copy of the Supplementary European Search Report dated **March 4, 2005**, which indicates the reference(s) to be relevant.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date:

5/11/05

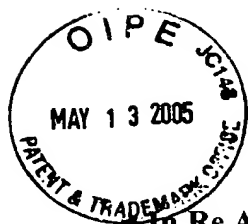
  
Steven J. Rocci  
Registration No. 30,489

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

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TYPED NAME: Steven J. Rocci  
REGISTRATION NO.: 10,489

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATION UNDER 37 CFR § 1.97(e)**

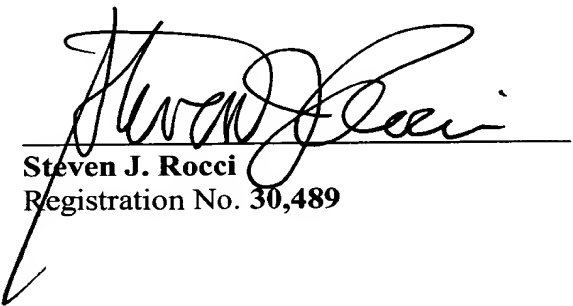
In accordance with 37 CFR § 1.97(e), certification is hereby made that:

- ☒ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

- ☐ No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Date:

5/11/05

  
Steven J. Rocci  
Registration No. 30,489

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>COOK-0006</b>	Application No. <b>09/882,551</b>
		Applicant <b>Jonathan B. Cook</b>	
		Filing Date <b>June 15, 2001</b>	Group <b>2671</b>
		Confirmation No. <b>8275</b>	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>12</b>	Chedmail, P. et al., "Robot Mechanism Synthesis and Genetic Algorithms", <i>Proceedings of the 1996 IEEE International Conference on Robotics and Automation</i> , <b>April 1996</b> , 4, 3466-3471	
	<b>13</b>	Erdman, A.G. et al., "New Software Synthesizes Complex Mechanisms", <i>Machine Design</i> , <b>August 22, 1985</b> , 107-113, XP-000601787	
	<b>14</b>	Hoskins, J.C. et al., "Synthesis of Mechanical Linkages using Artificial Neural Networks and Optimization", <i>Proceedings of the International Conference on Neural Networks</i> , <b>1993</b> , 1, 822J-822N, XP-010111695	
	<b>15</b>	McCarthy, J.M., "Mechanism Synthesis and Theory and the Design of Robots", <i>Proceedings of the 2000 IEEE International Conference on Robotics &amp; Automation</i> , <b>2000</b> , 1, 55-60, XP010500199	
	<b>16</b>	Thoreson, J. et al., "Designing Mechanisms for Production Equipment", <i>Machine Design</i> , <b>1988</b> , 113-117, XP 000112779	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	